

DATE: Sept. 7, 2005SHEET 1 of 2

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98 (b))

ATTY. DOCKET NO.

7007US01

SERIAL NO.

10/501,174

APPLICANT

Struszczyk, H., et al.

FILING DATE

March 15, 2005

GROUP

~~1253~~ /623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
<i>SW</i>	A1	3	5	3	3	9	4	0	10/13/70	Peniston & Johnson			
<i>SW</i>	A2	3	8	6	2	1	2	2	01/21/75	Peniston, et al.			
<i>SW</i>	A3	4	0	6	6	7	3	5	01/03/78	Peniston, et al.			
<i>SW</i>	A4	4	1	9	5	1	7	5	03/25/80	Peniston, et al.			
<i>SW</i>	A5	4	1	9	9	4	9	6	04/22/80	Peniston, et al.			
<i>SW</i>	A6	5	0	5	3	1	1	3	10/01/91	Krepets, et al.			
<i>SW</i>	A7	5	6	2	3	0	6	4	04/22/97	Vournakis, et al.			
<i>SW</i>	A8	5	6	2	4	6	7	9	04/29/97	Vournakis, et al.			
<i>SW</i>	A9	6	3	1	0	1	8	8	10/30/2001	Mukherjee			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION	
<i>SW</i>	B1	2	0	8	7	4	8	3	20.08.97	RU			YES	NO
<i>SW</i>	B2	9	1	0	0	2	9	8	10.01.97	WO				
<i>SW</i>	B3	0	1	3	2	7	5	1	10.05.2001	WO				
<i>SW</i>	B4	0	1	8	7	9	8	8	22.11.2001	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>SW</i>	C1	Bough, W.A., et al., "Influence of Manufacturing Variables on the Characteristics and Effectiveness of Chitosan Products. ... " <i>Biotech & Bioengin</i> , 20:1931-1943 (1978)
<i>SW</i>	C2	Chen, R. H., et al., "Effects of pH, ionic strength, and type of anion on the rheological properties of chitosan solutions", <i>Acta Polymer</i> , 45:41-46 (1994)
<i>SW</i>	C3	Gagné & Simpson, "Use of Proteolytic Enzymes to Facilitate the Recovery of Chitin from Shrimp Wastes", <i>Food Biotechnology</i> , 7(3):253-263 (1993)
<i>SW</i>	C4	Ha, Y.L., et al., "Newly Recognized Anticarcinogenic Fatty Acids: Identification and Quantification in Natural and Processed Cheeses", <i>Amer Chem Soc.</i> , 37:75-81 (1989)
<i>SW</i>	C5	Higeta, Patent Abstracts of Japan, 012(186), (31.05.1988 abd 19.12.87)
<i>SW</i>	C6	Madhavan & Nair, "Utilization of Prawn Waste - Isolation of Chitin and its Conversion to Chitosan", <i>Fishery Tech.</i> , 11:50-53 (1974)
<i>SW</i>	C7	Mitra A.K., et al., "Methyl 2,6-Di-O-methylsulfonyl- α -D-glucopyranoside and New Syntheses of 3,4-Di- and 3,4,6-Tri-O-methyl-D-glucose", <i>Journ of Organic Chem.</i> , 27:161 (1962)
<i>SW</i>	C8	Moorjani, M.N., et al., "Parameters Affecting the Viscosity of Chitosan from Prawn Waste", 12:187 (1975)

EXAMINER

Ernest White

DATE CONSIDERED

10/3/2005

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>EW</i>	C9	No, H.K., et al., "Isolation and Characterization of Chitin from Crawfish Shell Waste", <i>Journ of Agric and Food Chem</i> , 37(3): 575-579 (1989)
<i>EW</i>	C10	Peiffer, D.G., "The Molecular Factors Affecting the Solubility Parameter", <i>Journ of Appl Polymer Sci</i> , 25:369-380 (1980)
<i>EW</i>	C11	Shahidi & Synowiecki, "Isolation and Characterization of Nutrients and Value-Added Products from Snow Crab (<i>Chionoecetes opilio</i>) and Shrimp (<i>Pandalus borealis</i>) Processing Discards", <i>J. Agric Food Chem</i> , 37:1527-1532

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E. White

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